

TWELFTH
ANNUAL REPORT

OF THE
BOARD OF TRUSTEES

OF THE
PUBLIC • MUSEUM

OF THE
CITY OF MILWAUKEE.

September 1st, 1893, to August 31st, 1894.

OCTOBER 1st, 1894.

MILWAUKEE:
ED. KEOGH, PRINTER, 386 AND 388 BROADWAY.
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BOARD OF TRUSTEES.

CITIZENS APPOINTED.

| | | | | | |
|---------------------|---|---|---|---|-------------------------|
| JULIUS GOLDSCHMIDT, | - | - | - | - | Term expires May, 1898. |
| ADOLPH MEINECKE, | - | - | - | - | Term expires May, 1897. |
| THOMAS A. GREENE, | - | - | - | - | Term expires May, 1896. |
| AUGUST STIRN, | - | - | - | - | Term expires May, 1895. |

ALDERMEN APPOINTED.

| | | | | | |
|--------------------|---|---|---|---|-------------------------|
| THOMAS F. RAMSEY, | - | - | - | - | Term expires May, 1896. |
| CHAS. KOEHLER, | - | - | - | - | Term expires May, 1896. |
| JAMES R. WILLIAMS, | - | - | - | - | Term expires May, 1896. |

EX-OFFICIO.

| | | |
|--|---|-------------------------|
| GEO. W. PECKHAM, Sup't of Schools, | - | Term expires May, 1896. |
| JAMES M. PERELES, Pres't School Board, | - | Term expires May, 1895. |

OFFICERS.

GEO. W. PECKHAM, President.
HENRY NEHRLING, Secretary, Ex-officio.

MUSEUM SERVICE.

| | | | | | | | |
|--------------------|---|---|---|---|---|---|------------------------|
| HY. NEHRLING, | - | - | - | - | - | - | Custodian. |
| CARL THAL, | - | - | - | - | - | - | Assistant Custodian. |
| GEO. B. TURNER, | - | - | - | - | - | - | Taxidermist. |
| ALEXANDER GOETHEL, | - | - | - | - | - | - | Assistant Taxidermist. |
| LYDIA NEHRLING, | - | - | - | - | - | - | Assistant. |
| LINA SPANKUS, | - | - | - | - | - | - | Assistant. |
| CARL BINDRICH, | - | - | - | - | - | - | Janitor. |



To the Honorable, the Common Council of the City of Milwaukee:

GENTLEMEN:—The Board of Trustees of the Public Museum, in accordance with Section 8, Chapter 328, of the laws of 1882, presents herewith its annual report as required by law. It respectfully refers to the annual report of Mr. H. Nehrling, the custodian of the Museum, for such details and information as are not contained in this report.

There are at present in the Museum:

| | |
|--|-------------------|
| 116,164 Zoological specimens, valued at..... | \$32,040 54 |
| 15,744 Botanical specimens, valued at..... | 975 00 |
| 14,253 Anthropological specimens, valued at..... | 7,957 60 |
| 11,036 Palaeontological specimens, valued at..... | 5,168 80 |
| 4,076 Mineralogical and Lithological specimens, valued at. | 3,788 84 |
| 5,560 Books, pamphlets, catalogues, atlases, etc., valued at | 5,479 84 |
| 3,035 Bird's eggs and nests, valued at..... | 10,000 00 |
| Total..... | <hr/> \$65,410 62 |

The number of visitors during the year was 27,234, a decrease of 57,077 as compared with the attendance of last year, which decrease was due to the fact that the Industrial Exposition was not held during the year.

The insurance on the property of the Museum is now \$63,000, against \$50,000 of the preceding year.

The financial statement of the Board is as follows:

| | |
|---|-------------------|
| Balance in Museum fund on September 1, 1893..... | \$7,970 20 |
| Appropriation to Museum fund on December 1, 1893..... | 12,392 91 |
| From other sources..... | 6 75 |
| Total..... | <hr/> \$20,369 86 |
| Total expenditures during last year..... | 16,582 13 |
| Unexpended balance in Museum fund Sept. 1, 1894.. | <hr/> \$3,787 73 |

My thanks are due the members of the Board and the officers of the Museum for their cordial assistance in furthering the best interests of the Museum.

Respectfully submitted,

GEO. W. PECKHAM,

President.

REPORT OF THE CUSTODIAN.

MILWAUKEE, WIS., September 18th, 1894.

To the Board of Trustees of the Public Museum of the City of Milwaukee:

GENTLEMEN:—In compliance with Article 6 of your Rules and Regulations, I herewith submit to you my fourth annual report, being the twelfth in the series of reports since the establishment of the Museum.

The present museum year has been still more successful and important than the preceding one.

Soon after my last annual report was submitted to your honorable body, I had the opportunity of making selections of great value from a number of exhibits at the World's Fair in Chicago. Most specimens of the valuable collection of bird-skins from British Guiana were purchased by me for a very low price, and the cream of the large collection exhibited by the U. S. of Colombia was also obtained. From Ward's natural history exhibit in the Anthropological Building, the very best mounted specimens of rare mammals and birds were bought. Of the \$2,000 allowed me by the Board of Trustees for purchasing specimens only about \$1,450 have been expended. Much valuable material has been donated by the World's Fair Commissioners, Mr. J. J. Quelch from British Guiana and Mr. Roundsevelle Wildman of Johore, Malayan Peninsula.

The space in the cases of the third hall of the Museum has entirely been taken up by specimens bought at the World's Fair or such which were donated to us. For the Wisconsin Forestry Exhibit from the World's Fair, which was donated to the Museum by the State Board of Directors, it was necessary to procure additional room from the Milwaukee Industrial Exposition Association. The room which contains the collection of Wisconsin woods contains 3,860 square feet. We have now 12,000 square feet for exhibition purposes, against 5,736 square feet two years ago.

The Museum has been open to the public daily, from 1 to 5:30 P. M., and on Sundays from 1:30 to 5 P. M. The number of visitors was 27,234. The total number of persons who visited the Museum during the year shows a considerable decrease compared with the previous year, but this is due to the fact that there was no exposition held last year. On forenoons the Museum, although closed to the public, has been accessible to students and sometimes to schools for teaching purposes. Although many classes of our schools have visited the Museum during the regular hours, not so many have availed themselves of the privilege to see the collections as could be expected. It is frequently combined with much trouble and annoyance for a teacher to take a large class to the Museum, especially at present in our crowded halls.

But there is another way to make use of the Museum collections. The teachers should influence their pupils to visit the Museum alone for the purpose of carefully studying the objects in one department at a time. If they come with their classes many of the children are bewildered by the cases filled with apparently similar kinds of birds' eggs, shells, mammals and birds. They aimlessly stray around, often without taking with them any new impressions and ideas, especially when the teachers themselves are not sufficiently interested in natural history to make the visit delightful to their classes. If the children come with enthusiasm and take their time in

looking over the collections they will certainly visit the Museum with profit.

In reading about the Catbird, Bluebird, Song Sparrow, Chipping Bird, Baltimore Oriole, etc., of the Bear, Raccoon, Skunk, Badger, Woodchuck, Opossum, etc., they should know that excellent specimens of all these animals can be seen in the Museum.

In United States history, in talking about the Indians, they should be instructed to go to the Museum, where they can see Indian war-shirts, tomahawks, scalps, bows and arrows, copper and stone implements, pipes of peace, etc.

The rapid developments of modern arts and illustrations, says a recent writer, and the conspicuous use of these methods in books, magazines, and even the daily papers, attest the power of the pictorial art, barbarous as it may be in many cases, in imparting information quickly and clearly. If illustrations are so important in modern publications—and to do without them would seem well-nigh impossible—how far more important is it to see on exhibition objects of scientific and historic interest in the Museum, correctly labeled and well prepared. There are no better object lessons for our school children than to see our native animals mounted in their natural position. In this way they learn to see, to observe, to compare and to find the differences in specimens which appear alike to the eye of the layman.

To any one who knows something about the habits and names of our native birds, mammals, etc., the ignorance displayed by many of his friends concerning their very names, size, color, etc., is often astounding.

I frequently meet educated people who do not know, for instance, the difference between a Blue Jay and a Bluebird, between a Blackbird and a Martin, between a Yellow Warbler and a Goldfinch, between a Cardinal Redbird and a Scarlet Tanager; they ask whether a certain animal in the collection is a Badger or a Woodchuck, a Raccoon or a Wolverine. The

same ignorance extends to the animal kingdom in general. This is certainly not as it should be. "The remedy is extremely simple," says Mr. G. M. Minchin, of the Royal Indian Engineering College. "Introduce among the school books a short manual of natural history, dealing rather with the interesting characteristics of animals than with the science of their structure—just those things which interest you without producing a strain on the intellect—and the result will be a far more widely spread knowledge of the inhabitants of our fields, streams and woods than that which now prevails. Another result will be a greater sympathy with the non-human portion of life. Indeed, the omission of the teaching of natural history in an easy and interesting shape in our schools fits ill with the vast importance now attained by biology, a science of immense possibilities and one which is advancing by leaps and bounds."

That this can be done, and it is done in several schools, I have sometimes observed.

Since our honorable president, Dr. Geo. W. Peckham, —himself a well-known naturalist and a great friend of nature—has taken charge of the schools of the city, the teaching of natural history in a pleasant and attractive way has been inaugurated. The result is already a most noticeable one.

There are quite a number of children coming to the Museum with the special purpose of seeing the objects they have read about. The names of these objects usually have been jotted down on a piece of paper. Some come to see the Buffalos and Bears, others the Muskrats, Beavers, Porcupines, etc.: others have a list of the more familiar native birds, and still others are anxious to compare their botanical specimens with specimens in our herbarium.

Since my taking charge of the institution as custodian, it has always been my aim to arrange special collections for our schools and for all those interested in the geographical distri-

bution of animals. Owing to our crowded halls, I succeeded thus far in completing only a case of characteristic animals of Australia.

The Museum of the future cannot be satisfied with well arranged systematic collections only. It must also show something of the life-history of the specimens exhibited. The bird must be shown with its nest and eggs and the quaint appearance of the young. The collection of shells is valuable, but usually they are shown with no inkling of the kind of life associated with them. Every Museum, if it is to be of use to the people at large, must contain something for everybody. We have already a beginning in this line, as the groups of Muskrats, Porcupines, Beavers, Opossums, Badgers, Skunks, Orang-Outans, Otters, and Foxes show, and although it takes much consideration, much time, a large amount of patience and much money, we have to keep in the track which only leads to success. We will by no means neglect the systematic collections of North American forms, but our main work in the future will lie in the composition of life-like groups of native mammals and birds, and in this respect even domestic forms, such as Pigeons, Chickens, Ducks, Dogs, etc., will be utilized to show the visitor the variations an animal is capable of under domestication.

With the increase of the collections, which have more than doubled since I took charge of the Museum four years ago, the work has increased in proportion. Much has been accomplished during the past year. My own time has been taken up in arranging, looking up and correcting old labels in accordance with the advancement of science. The "Catalogue of the British Museum," as far as it is in our hands, has served to good purpose. Several thousand old labels have been replaced by new ones, printed on our hand press in the Museum. Large collections of plants have been looked over and provided with labels. The scientific papers and pamphlets, many hundreds in number, have been examined and marked for our

card catalogue. Only articles of special interest will in future find a place therein. I had frequently to confer with Mr. Turner as to the arrangement of the groups and the positions of the individual specimens that were to be mounted by him. Besides this I had to attend to the minor details of all the work done, and much time was spent in corresponding with scientific men and collectors, and in showing visitors around in the Museum.

Our taxidermist, Mr. Geo. B. Turner, mounted a large number of birds and mammals. He especially succeeded in forming a very fine life-like group of Black Bears, an old and three young ones. He is now engaged in making up a group of Bisons or American Buffalos. Since we received a fine Buffalo calf and a heifer from Montana, we have all the material for such a group on hand. After this is completed, a group of Prairie Wolves, or Coyotes, will be made up. Through the kindness of Mr. Gustav Preusser we received all the specimens necessary for such a group.

To make it possible to mount also the many specimens of tropical birds purchased at the World's Columbian Exposition, the Board found it necessary to employ an assistant to the taxidermist.

Mr. Alexander Goethel, a promising young man, was engaged for this position.

The work of the janitor increased so much that it was impossible for him to keep all the glass cases clean. The Board therefore employed Miss L. Spankus, whose duty it is to help the janitor in cleaning the cases in the morning and to attend to visitors in the afternoon.

As several insurance agents insisted to have the records of the Museum copied and stored in a fire-proof vault outside of the Museum, the Board, after having considered the matter thoroughly, employed Mr. Paul Dachsel for this work.

The routine work, i. e., the keeping of the record books, the type-writing, a large part of the correspondence, the

monthly statements, etc., etc., has been done by the assistant custodian, Mr. Carl Thal. He also did such Museum work as was from time to time assigned to him by me. With Mr. Dachsel he compared the duplicates of the record books as far as they have been copied. In all this various work of the Museum I have always found that I could depend on Mr. Thal's hearty assistance.

The four years' work in the Museum have been too brief a time for me to give my attention to the development of all the departments that the Museum is intended to represent. Still I think that all the departments have been considerably increased and improved in the number of specimens as well as in the condition of their preservation.

I. ZOOLOGY.

A.—MAMMALS.

The department of mammals has been enriched by many new and valuable specimens. I can mention only the most important donations and purchases. For the rest I refer the reader to the appendix.

Near his winter home at De Funiak Springs, Fla., Mr. Ernst von Baumbach procured a Water Hare (*Lepus aquaticus*, Bach.), which he donated to the Museum.

Through Mr. Christian Wahl, president of the Park Commission, I had the good fortune of obtaining a fine specimen of Wapiti (*Cervus canadensis*, Erxl.) for the Museum, which had been killed in one of the city parks. This specimen will enter into a fine group which will be constructed by our taxidermist as soon as we have the necessary material together.

From Mr. Carl Hagenbeck, Hamburg, Germany, two Baboons and four other valuable monkeys were received. These monkeys died during the World's Fair in Hagenbeck's Arena and Animal Show, Midway Plaisance, and were sent

to the Museum immediately after their death. They were all mounted and are now on exhibition in the southeast hall.

From one of his hunting trips to Gogebic, Mich., Mr. Christian Preusser brought back two Porcupines (*Erethizon dorsatus*), one Mink (*Putorius vison*), etc. Although these animals are by no means uncommon in the northern parts of our state and in our collection, they will be of value in making up groups.

Mr. Gustav Preusser especially endeavors to obtain for the Museum such North American mammals and birds as are not yet represented in our collection. He lately donated two Jack Rabbits (*Lepus campestris*), one Western Fox Squirrel (*Sciurus niger*, var. *ludovicianus*) and two old Coyotes or Prairie Wolves (*Canis latrans*, Say.). Mr. Preusser several weeks ago, has procured a litter of five young Coyotes of which with the old ones a group will be formed. All these mammals come from Missoula, Mont.

By purchase the Museum obtained one old and three young Black Bears (*Ursus americanus*), of which a beautiful group has been formed by our taxidermist, Mr. Geo. B. Turner.

An old and two young Pumas or Mountain Lions, also known as American Panther and Cougar (*Felis concolor*), were purchased and the three made up into an attractive group.

On recommendation of trustee Ch. Preusser, the following four cases of mammals, \$100 each, were bought from Mr. T. H. Storey, Duluth, Minn. They were on exhibition in the Minnesota State Building, World's Fair:

1. A group of Skunks, an old one and seven young.
2. A group of three American Badgers, an old one and two young.
3. A group of one old and two young Red Foxes.
4. A group of one old and two young Otters.

The following mammals which I selected from Ward's Natural History Exhibit in the Anthropological Building are especially interesting and valuable.

1. A group of one old and six young Opossums (*Didelphis virginiana*) from the Southern States.

2. A Monkey Bear or Koala (*Phascolarctus cinereus*) with its young on the back, from New South Wales. Like the Opossums it belongs to the order of Marsupialia, though it is quite unlike the foregoing in appearance, in manners and food habits. The short, thick head is somewhat bear-like. The fur is very thick, soft and woolly and of an ashy-gray color, which changes into a paler color on the lower parts. The tail is wanting. The ears, which are blackish in color, are very hairy. The female is much attached to her young, which is carried about on her back long after it is able to leave the pouch. In this position both animals are mounted and are displayed in the case containing the characteristic mammals and birds of Australia. The Koalas live on the leaves and shoots of the trees on which they climb.

3. A fine specimen of Phalanger, (*Phalangista fuliginosa*), also a native of New South Wales. As it has a prehensile tail it reminds us of our Opossum.

4. A specimen of *Dasyurus maculatus*, related to the Tasmanian Devil (*Dasyurus ursinus*) from Van Diemensland.

5. The Bandicoat (*Perameles nasuta*) from Australia is found in the mountain regions, living in burrows. In general form these animals resemble rats and are almost as troublesome where they are abundant.

6. Of the Giant Kangaroo (*Macropus major*) a fine female, with two young in the pouch, was purchased. As these Kangeroos are becoming rarer from year to year, this is a valuable acquisition. All these animals are members of the order Marsupialia.

7. An Aard Wolf (*Proteles lalandi*) from the Cape Colony, related to the Hyenas.

8. A good specimen of the Yaguarandi (*Felis yaguarandi*), which belongs to the Cat family and occurs from Mexico to Paraguay.

9. The Raccoon Dog (*Canis procynonoides*), from Japan.

10. The so-called Raccoon Fox (*Bassaris astua*) a native of Texas, California, Mexico, etc., was also added to our collection. This animal is often tamed in Texas and Mexico.

11. The Guerza (*Guerza rueppeli*), one of the most beautiful monkeys. The prevailing color is a deep black, which contrasts strongly with the long white hair on the sides and tail. These monkeys frequent the high trees, jumping from branch to branch; the silvery fringe flapping out from the sides gives them almost the appearance of being winged. They are natives of tropical Africa.

12. A fine specimen of the Central American two-toed Sloth (*Chloolopus hofmanni*), and a number of less common mammals.

Mr. Erich Wittkugel, of San Pedro Sula, Honduras, has sent us two Deer (species not yet determined), a Nosebear or Mexican Coati (*Nasua narica*), a very interesting species, related to our Raccoon, and a few species of other mammals.

B.—BIRDS.

The ornithological collection has increased considerably. Though the systematic collection of North American birds is still lacking many of the rarer species and forms, we have nevertheless succeeded in obtaining much valuable material. Old and poorly mounted specimens have been substituted by new and nicely mounted ones, showing the natural position of the birds.

Mr. Clarence J. Allen, of this city, as in former years, has donated several birds of prey, among them a Broad-winged Hawk, a Pigeon Hawk and two American Long-eared Owls.

Mr. Christian Preusser donated a number of the more common native birds, and Mr. Gustav Preusser presented a fine specimen of the American Magpie (*Pica pica hudsonica*), and Woodhouse's Jay (*Aphelocoma woodhousei*).

Among a number of tropical birds Mr. August Stirn donated four Pagoda Starlings (*Temenuchus pagodarum*) which are especially worthy of mentioning. They come from India.

While visiting the California Midwinter Fair, Mr. Wm. Vogel purchased a female of the Road Runner or Chapparal Cock (*Geococcyx californicus*) which he donated to our collection.

From Mr. Carl Hagenbeck we received five rare Parrots which died in captivity during the World's Fair.

Through the kindness of Mr. Rounsevelle Wildman, U. S. Commissioner of Straits, Settlements and Borneo, and now editor-in-chief of the "Overland Monthly," San Francisco, Cal., we received twenty-two rare birds collected in Johore, Malayan Peninsula, all correctly labeled.

Mr. Louis Woltersdorf, of Chicago, donated an Australian Zebrafinch (*Stagonopleura castanotis*), which he had raised in confinement.

Of the birds purchased only a few can be mentioned.

From February 1st, 1892, to January 19th, 1893, Mr. Chas. W. Richmond, of Washington, D. C., collected a large number of birds in Nicaragua, which were offered to the Museum for a reasonable price. Owing to our slow way of making purchases, the whole collection was sent to England, and we had only the chance to buy the rest, about 138 specimens, representing about fifty species. All these birds were collected in Nicaragua, near Bluefields and on the Escondido River, and all are correctly labeled. Mr. Richmond has laid down his observations in a paper "On a Collection of Birds from Eastern Nicaragua, etc." (Proceedings of the U. S. National Museum, Vol. 16, Pages 479 to 532.)

From Mr. G. E. Mitchell, of Herndon, Va., we bought a fine pair of *Carpodectes nitidus*, which were also collected on the Escondido River, Nicaragua.

While looking around in the different state buildings for natural history objects, during the World's Fair, I became

acquainted with Mr. Henry Rowan Lemly, Commissioner for the U. S. of Colombia. He called my attention to a large collection of birds that were stored in an out-of-the-way place in the building, which had been made by the Colombian Government for the World's Fair in the Andes, near Bogota, and on the Magdalena River. He promised me to let me have as many specimens as I would select at the end of the World's Fair for a low price. I made a selection of 132 specimens, the cream of the entire collection.

The finest and most valuable collection of tropical birds was exhibited by British Guiana in the Agricultural Building. Dr. J. J. Quelch, Commissioner of that country, and at the same time director of the Museum at Georgetown, B. G., promised me already in August to let me have, with a few exceptions, the whole collection for our Museum. The specimens purchased from Mr. Quelch number 207 and are in the best possible condition. In addition to these skins Mr. Quelch donated a very large number of other natural history specimens.

From Ward's Natural History exhibit I selected the following mounted birds: Lady Amherst's Pheasant (*Thaumalea amherstii*), a rare and beautiful bird from Yunan, East Setchuan, Tibet, etc., where it inhabits the mountain regions. The color of this Pheasant is strikingly beautiful. Its crimson, white-tipped crest, pure white ruff, margined with deep green, metallic green breast, pure white underparts, and the greatly lengthened tail with bars of green and black mottlings attract the attention of every one who beholds it.

The most valuable purchase is a pair of white-tailed Pheasants (*Lobiophasis bulweri*). This species was discovered on the Lawas River, Borneo. In many particulars this elegant Pheasant is unique and beheld with great interest by the visitors of the Museum. The dark brownish plumage, showing various metallic hues, contrasts strongly with the long pure white tail.

A fine specimen of the Satyr Pheasant or Crimson Tragopan (*Cerionis satyra*) and the Black-headed Tragopan (*Cerionis melanocephala*) were also obtained. These beautiful birds are dwellers of the higher ranges of the Himalayas, being found at heights ranging from 8,000 to 11,000 feet.

Another valuable addition is the Vulture Guinea Fowl (*Acryllium vulturinum*), a native of Africa, a very beautiful bird, the prevailing color being blue, which is relieved by black and white. These birds live in large flocks, are very noisy and swift on foot, wild and wary.

Penelope jacutinga, an American member of the order Gallinae, is a very interesting bird. Its true home is to be found in the tropical forests of Brazil. There were quite a number of other birds purchased, among them several Pittas, Toucans, Pigeons, Parrots, Birds of Paradise, etc.

C.—ICHTHYOLOGY.

Several specimens of fishes were donated to the Museum, but they are not yet determined. Through my friend, Dr. Sigmund Graenicher, this department will receive special care in the future. The aforesaid gentleman has promised me to collect, determine and preserve all the fishes living in the rivers and lakes of Wisconsin which he will be able to obtain. He will also give his attention to the Batrachians and Reptiles.

D.—CONCHOLOGY.

Mr. Chas. P. Dadman of National City, Cal., a former citizen of Milwaukee, presented to the Museum 722 shells collected by him on the shore of the Pacific Ocean. Mr. John Erickson of this city donated 212 shells, found at the sea-shore of Hayti, West Indies.

E.—ENTOMOLOGY.

Mr. Carl Miller donated 115 Butterflies and 54 Beetles, collected by him on the Gold Coast, West Africa.

A very valuable collection of 112 Butterflies and 70 Moths was donated by Mr. Wm. Vogel, who collected them partly in and near Belize, British Honduras, and partly in San Pedro Sula, Republic of Honduras.

II. BOTANY.

A.—PLANTS.

The principal addition to the botanical department consists of a very fine herbarium donated by Mr. Charles E. Monroe. The plants are better preserved than any I have seen heretofore, and each one is a very fine specimen. This collection is rich in Compositae and Ferns, not only in species but also in forms. Most of the plants were collected in this vicinity, but the flora of Niagara Falls, Mount Washington and the Dells of the Wisconsin is also represented.

Mr. Reuben Strong has donated a large number of plants, collected in Milwaukee County.

Prof. Emil Dapprich, Director of the German-English Academy and Teachers' Seminary, donated a fine herbarium of plants collected by him in summer 1893 in the mountain regions of Colorado.

All these plants will be recorded in our next annual report.

B—WOODS, ETC.

Dr. J. J. Quelch, Commissioner for British Guiana, donated four palm-logs, each representing a different species, blocks of wood, bark of tropical trees and samples of tropical woody twining plants.

The State Board of Directors of the World's Fair presented to the Museum their entire collection of woods, which was

exhibited in the Forestry Building. As the collection lacks scientific correctness in labeling, it will take some time before we are able to enter the specimens into our books.

III.—MINERALOGY.

The specimens registered in this department were acquired as follows: By purchase 12, by donation 27.

IV.—PALAEONTOLOGY.

The most important donations consist of one Halysites, from Mr. August Fiebelkorn, Cascade, Wis., of a conglomerate of shells, found by Mr. August Stirn near Pine Lake, Wis., and a piece of petrified wood, found at Freistadt, Wis., and donated by Assemblyman Frank W. Suelflow.

V.—ETHNOLOGY.

The additions to this department are very numerous. The most important donation comes from Mr. Carl Miller of this city. While holding a position on the Gold Coast, West Africa, this gentleman brought together an exceedingly fine and valuable collection of weapons, household goods, garments, personal ornaments, and interesting articles used by the natives in their tribal operations and rites. The collection, in itself very large, is accompanied by maps, and numerous larger and smaller photographs. It is displayed in three wall cases in the new hall of the institution.

Mr. August Muenzenberger, of Sabinal, Mexico, donated several ethnological specimens made by Mexican Indians.

Mr. Rounseville Wildman presented quite a number of specimens, mostly household utensils, used by the natives of Johore, Malayan Peninsula. He also donated two models of

houses. These objects were exhibited in the Johore Bungalows, Midway Plaisance, World's Fair.

By purchase thirty-one specimens of Indian relics were obtained.

VI.—ARCHAEOLOGY.

The thousands of specimens of the Haskell Collection, which was purchased last year and to which I alluded in my last year's report, have been entered and numbered. As almost all of the specimens have been found in Jefferson Co., near Aztalan, Wis., this collection has a great value.

Mr. H. C. Mansfield, Jefferson, Wis., donated twenty-one arrowheads, and Mr. Horace McElroy, Janesville, Wis., a number of fragments of a large stone knife. Several other objects came from Mr. August Fiebelkorn of Cascade, and Mr. Frank Sholes of this city.

Mr. Bernhard Heyn donated a very fine stone celt with a deer horn handle from the pile dwellings of Switzerland.

VII.—LIBRARY.

On account of the limited annual appropriation for the Museum the acquisition of scientific books has been curtailed and the purchase of costly illustrated works made impossible. Only a few of such works which were indispensable have been obtained.

From the various foreign and native scientific societies we have received a large number of reports, pamphlets and books in exchange. The Smithsonian Institution, the National Museum and the Agricultural Department have enriched our library with very valuable scientific books.

INVENTORY.

*Approximate Statement of the Contents and Value of the Various
Departments of the Museum.*

| | | |
|---------|---|-------------------|
| 116,164 | Zoological specimens..... | \$32,040 54 |
| 15,744 | Botanical specimens..... | 975 00 |
| 14,253 | Anthropological specimens..... | 7,957 60 |
| 11,036 | Palaeontological specimens..... | 5,168 80 |
| 4,076 | Mineralogical and lithological specimens..... | 3,788 84 |
| 5,560 | Books, pamphlets, catalogues, atlases and charts.... | 5,479 84 |
| 3,035 | Birds' eggs and nests..... | 10,000 00 |
| | Furniture, tools, jars, vessels, conservation supplies and stationery..... | 13,974 05 |
| | Upham collection held in trust..... | 350 00 |
| | Aggregate value of the contents of the Museum | <hr/> \$79,734 67 |

FINANCIAL TRANSACTIONS OF THE MUSEUM.

Debit.

| | |
|--|-------------------|
| Balance in Museum fund Sept. 1st, 1893..... | \$7,970 20 |
| Appropriation to Museum fund Dec. 1st, 1893..... | 12,392 91 |
| Refunded insurance premium Dec. 1st, 1893..... | 6 75 |
| | <hr/> \$20,369 86 |

Credit.

Amounts paid by warrants on the city treasurer since the
last annual statement was rendered:

| | |
|---|-------------------|
| Permanent improvements | \$154 60 |
| Fuel and light | 264 01 |
| Repairs | 37 84 |
| Postage and freight | 168 59 |
| Stationery and printing | 157 62 |
| Furniture | 2,197 53 |
| Anthropology and ethnology..... | 578 85 |
| Mammals..... | 1,311 85 |
| Birds..... | 770 25 |
| Minerals and rocks..... | 23 25 |
| Botany..... | 595 32 |
| Insurance..... | 1,684 92 |
| Rent..... | 1,275 00 |
| Miscellaneous | 484 27 |
| Library | 244 05 |
| Pay roll | 6,070 00 |
| Conservation supplies | 36 37 |
| Wages..... | 527 81 |
| | <hr/> \$16,582 13 |
| Balance in Museum fund Sept. 1st, 1894..... | \$3,787 73 |

INSURANCE.

| | |
|--|--------------------|
| Saint Paul Fire & Marine Insurance Co., St. Paul, Minn.... | \$1,500 00 |
| Palatine Insurance Co., (Limited), Manchester, England.... | 1,500 00 |
| Hamburg-Bremen Fire Insurance Co., Hamburg, Germany.. | 1,500 00 |
| Norwich Union Fire Insurance Society, England..... | 2,500 00 |
| Reading Fire Insurance Co., Reading, Penn..... | 1,000 00 |
| Capital Fire Insurance Co., Concord, N. H..... | 1,000 00 |
| Citizens' Insurance Co., Pittsburgh, Pa..... | 1,000 00 |
| Grand Rapids Fire Insurance Co., Grand Rapids, Mich..... | 1,500 00 |
| Oakland Home Insurance Co., California..... | 1,500 00 |
| Rhode Island Underwriters' Association, Providence, R. I.. | 2,000 00 |
| Royal Insurance Co., Liverpool, England..... | 1,000 00 |
| Queen Insurance Co. of America, N. Y..... | 2,500 00 |
| Phenix Insurance Co. of Brooklyn, N. Y..... | 1,500 00 |
| British American Assurance Co., Toronto, Ont..... | 1,000 00 |
| Hanover Fire Insurance Co., New York..... | 1,500 00 |
| Security Insurance Co., New Haven, Conn..... | 1,500 00 |
| Commonwealth Insurance Co., New York..... | 1,500 00 |
| Rutger's Fire Insurance Co., New York..... | 1,500 00 |
| Isthmus Lloyds of the City of New York..... | 2,500 00 |
| New York Central Lloyds, New York..... | 2,500 00 |
| Merchants Fire Lloyds, New York..... | 2,500 00 |
| Columbia Fire Lloyds, New York..... | 2,500 00 |
| Metropolitan Lloyds, New York..... | 7,500 00 |
| Pacific Fire Insurance Co., New York..... | 1,500 00 |
| American Insurance Co., Newark, N. J..... | 1,500 00 |
| Rockford Insurance Co., Rockford, Ill..... | 2,500 00 |
| Allemannia Fire Insurance Co., Pittsburgh..... | 1,500 00 |
| Orient Insurance Co., Hartford, Conn..... | 2,000 00 |
| Germania Insurance Co., New Orleans..... | 1,500 00 |
| German Fire Insurance Co., Peoria, Ill..... | 2,000 00 |
| Manufacturers' and Merchants' Mutual Ins. Co., Rockford.. | 2,500 00 |
| Phenix Insurance Co. of Brooklyn, N. Y..... | 1,000 00 |
| Commercial Union Assurance Co., (Limited), of London.... | 2,500 00 |
| Total..... | <u>\$63,000 00</u> |

VISITORS.

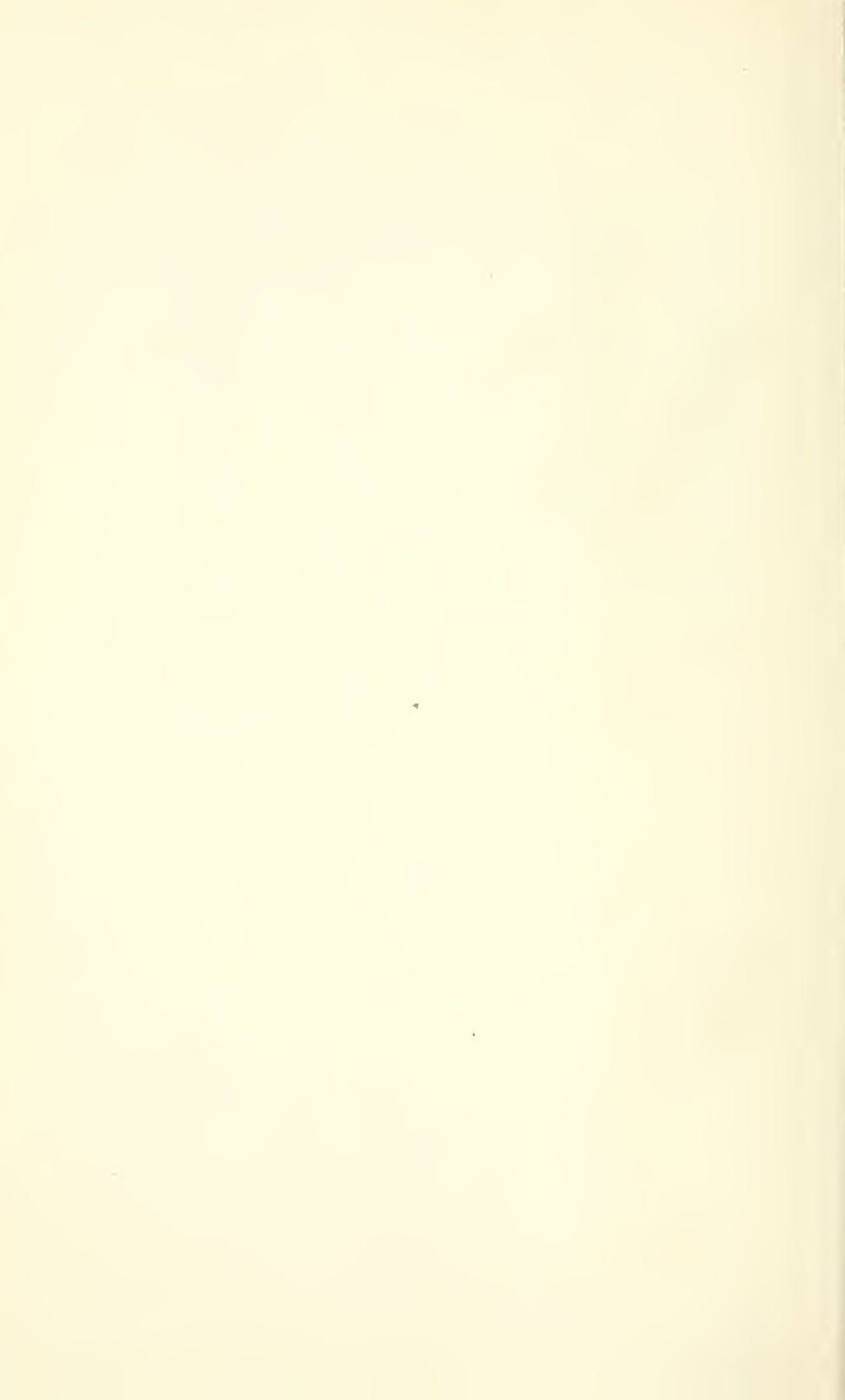
| | 1893 Sept. | 1893 Oct. | 1893 Nov. | 1893 Dec. | 1894 Jan. | 1894 Feb. | 1894 Mar. | 1894 April. | 1894 May. | 1894 June. | 1894 July. | 1894 Aug. | 1893-94 Whole year. |
|--------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|---------------|---------------|--------------|------------------------|
| Average daily attendance..... | 96 | 82 | 72 | 54 | 68 | 115 | 104 | 70 | 60 | 64 | 73 | 75 | 74 |
| Greatest daily attendance..... | 280 | 326 | 188 | 116 | 182 | 313 | 288 | 228 | 204 | 133 | 242 | 159 | |
| Least daily attendance | 42 | 26 | 13 | 16 | 15 | 11 | 24 | 12 | 10 | 13 | 23 | 41 | |
| Av. attendance on Sundays..... | 121 | 137 | 122 | 81 | 125 | 233 | 133 | 180 | 93 | 71 | 161 | 100 | |
| Total attendance..... | 2,854 | 2,527 | 2,173 | 655 | 2,096 | 3,270 | 3,200 | 2,103 | 1,854 | 1,912 | 2,259 | 2,331 | 27,234 |

The Board of Trustees and the whole population of our city can point with pride to the Public Museum and its treasures. This is acknowledged by all the scientific men of this country and abroad who have had an opportunity of seeing the collections and examining them thoroughly. Natural history, in all its branches, has marked this century, and the progress made by mankind through natural science has never been, and will never be excelled. My sincere wish is that the people of this city, especially teachers and parents, may visit the Museum more frequently as it is done. Though we have achieved much with our limited means, it will perhaps not be out of place to mention, that those "blessed with the world's riches" in our beautiful city, could assist us more as it is done in purchasing specimens. The large Museums of New York, Philadelphia, Cambridge, Salem, Chicago, etc., are almost entirely maintained by contributions of wealthy citizens.

Respectfully submitted,

H. NEHRING,

Secretary and Custodian.





APPENDIX.





ZOOLOGY.

DONATIONS.

C. J. Allen, Milwaukee, Wis.

1 Broad-winged Hawk, Marinisco, Mich.

1 Pigeon Hawk, " "

2 American Long-eared Owls, Fox Point, Wis.

Ernst v. Baumbach, Milwaukee, Wis.

1 Water Hare, De Funiak Springs, Fla.

Wm. Biersach, Milwaukee, Wis.

1 Sora Rail, Milwaukee, Wis.

Board of City Park Commissioners.

1 Wapiti, (*Cervus canadensis*) Captivity, City Parks.

Wm. F. Brummer, Milwaukee, Wis.

1 Goldfish.

Chas. P. Dadman, National City, Cal.

3 Shark's Eggs, National City, Cal.

722 Shells, " " "

Dr. A. Duestrow, St. Louis, Mo.

1 Bittern, Elkhart, Wis.

1 American Hawk Owl, " "

1 Common Tern, " "

Ernst Ehlert, Milwaukee, Wis.

1 Butterfly, Milwaukee, Wis.

John Ericsson, Milwaukee, Wis.

212 Shells, Hayti, West Indies.

W. C. Fish, Milwaukee, Wis.

1 English Setter, Milwaukee, Wis.

Otto Goethel, Milwaukee, Wis.

1 *Melopsittacus undulatus*, Captivity, Milwaukee.

1 Cardinal, " "

2 Canary Birds, " "

Carl Hagenbeck, Hamburg, Germany.

2 Baboons, India.

5 Parrots.

4 Monkeys.

H. Hirsch, Milwaukee, Wis.

- 1 American Crow, Milwaukee Co., Wis.
- 1 Short-eared Owl, Brookfield, Wis.
- 1 Black-bellied Plover, Wisconsin.
- 1 Barred Owl, Waukesha Co., Wis.

S. Kander, Milwaukee, Wis.

- 1 Gorgonid, Anastasia Isl., Fla.
- 4 Shells, " " "

Adolph Meinecke, Milwaukee Wis.

- 1 Saw-whet Owl, Milwaukee Wis.
- 4 Turtles, Gotha, Orange Co., Fla.
- 1 Frog, " " " "
- 1 Rabbit, " " " "
- 68 Beetles, Germany.

J. Middaugh, Janesville, Wis.

- 1 Bat, Florida.

Carl Miller, Milwaukee, Wis.

- | | |
|------------------------------|--------------|
| 5 Gorgonids, | West Africa. |
| 2 Leopard's Teeth | " |
| 1 Antelope's Foot, | " |
| 2 Teeth of Saw-fish, | " |
| 2 Tusks of a young Elephant, | " |
| 1 Scorpions, | " |
| 3 Scolopendra, | " |
| 4 Locusts, | " |
| 2 Pteropus, | " |
| 2 Lizards, | " |
| 4 Snakes, | " |
| 1 Spider, | " |
| 115 Butterflies, | " |
| 54 Beetles, | " |

Walter Nehrling, Milwaukee, Wis.

- 1 Murex,
- 1 Ovenbird, Milwaukee, Wis.

Geo. Orth, Jr., Milwaukee, Wis.

- 1 Virginia Rail, Milwaukee, Wis.

Ch. Preusser, Milwaukee, Wis.

- | | |
|-----------------------|----------------|
| 2 Porcupines, | Gogebic, Mich. |
| 4 Broad-winged Hawks, | " |
| 1 Mink, | " |
| 1 White Rabbit, | " |

- 1 Great Blue Heron, Gogebic, Mich.
 1 Least Bittern, "
 1 Sora Rail, "
 2 Red Squirrels, "
 1 Bonaparte's Gull, "
 1 Sharp-shinned Hawk, "
 1 Sora Rail, Milwaukee, Wis.
- Gustav Preusser, Milwaukee, Wis.
 1 Western Fox Squirrel, Carlton, Montana.
 2 Jack Rabbits, " "
 1 Magpie, " "
 1 Jay, " "
 2 Coyotes or Prairie Wolves, Missoula, Mont.
- Dr. J. J. Quelch, Georgetown, B. G.
 1 Ants' Nest, British Guiana.
- J. Reinhold, Milwaukee, Wis.
 1 Cedar Waxwing, Milwaukee, Wis.
- August Stirn, Milwaukee, Wis.
 1 Sora Rail, Milwaukee Co., Wis.
 1 American Sparrow Hawk, " "
 1 Tropical Bird, Nicaragua, C. A.
 1 Golden Eagle, North America.
 4 Temenuchus pagodorum, India.
 1 Wasps' Nest, Pine Lake, Wis.
- Geo. B. Turner, Milwaukee, Wis.
 1 Fox Sparrow, Milwaukee, Wis.
 1 Snake, Milwaukee Co., Wis.
 1 English Sparrow, Milwaukee, Wis.
- Wm. Vogel, Milwaukee, Wis.
 1 Road-runner, Santa Ana, Cal.
 112 Tropical Butterflies.
 70 Moths.
- John Wegener, Milwaukee, Wis.
 1 Sora Rail, Milwaukee, Wis.
- Mrs. G. E. Weiss, Milwaukee, Wis.
 1 Robin, Milwaukee, Wis.
- Rounsevelle Wildman, World's Fair Commissioner for Johore.
 1 Alophonerpes pulverulentus, Johore, Malayan Peninsula.
 1 Ptilocichla leucogaster, " " "
 1 Arachnothera modesta, " " "
 1 Macronus ptilosus, " " "

| | |
|------------------------------------|----------------------------|
| 1 <i>Cinnyris pectoralis</i> , | Johore, Malayan Peninsula. |
| 1 <i>Megalema duvaucelli</i> , | " " " |
| 1 <i>Callolophus malaccensis</i> , | " " " |
| 1 <i>Osmotreon fulvicollis</i> , | " " " |
| 1 <i>Palaeornis longicauda</i> , | " " " |
| 1 <i>Halcyon pileata</i> , | " " " |
| 1 <i>Pycnonotus plumosus</i> , | " " " |
| 1 <i>Artamus leucogaster</i> , | " " " |
| 10 other tropical birdskins, | " " " |
| L. Woltersdorf, Chicago. | |
| 1 Zebra Finch, Australia. | |
| (?) <i>Boa constrictor</i> . | |

ACQUIRED BY PURCHASE.

| | |
|---|-----------------|
| 1 Black Bear, Michigan. | |
| 3 Black Bears, Shawano, Wis. | |
| 2 Pine Martens, Gogebic, Mich. | |
| 1 Vertebrae of Whale, Milwaukee, Wis. | |
| 1 Otter Group | |
| 1 Skunk Group. | |
| 1 American Badger Group. | |
| 1 Red Fox Group. | |
| 2 Red Foxes, Glidden, Wis. | |
| 1 Ermine, | " |
| 1 Puma, | |
| 1 Fisher, Gogebic, Mich. | |
| 1 <i>Myrmecophaga tridactyla</i> , | Honduras, C. A. |
| 1 Monkey, | " |
| 1 Nose-bear or Mexican Coati (<i>Nasua narica</i>), | " |
| 2 Deer, | " |
| 1 Ermine, Gogebic, Mich. | |
| 1 Fisher, | " |
| 1 Lynx, | " |
| 1 Skunk, Glidden, Wis. | |
| 1 Skeleton with Muscular Areas. | |
| 2 <i>Phascogalea cinereus</i> , Australia. | |
| 1 <i>Cholopus hofmanni</i> , Costa Rica. | |
| 7 <i>Didelphys virginianus</i> , Hancock Co., Miss. | |
| 1 <i>Proteles laundii</i> , Cape Colony. | |
| 1 <i>Felis yagouaroundi</i> , South America. | |
| 1 <i>Canis procyonoides</i> , Japan. | |

- 1 *Sciurus malabaricus*, Malabar, India.
 1 *Pteropus jubatus*, Singapore.
 1 *Cyclothurnus didactylus*, Trinidad.
 1 *Sciurus niger*, Mt. Pleasant, S. C.
 1 *Phalangista fuliginosa*, N. S. Wales.
 1 *Dasyurus maculatus*, Van Diemensland.
 1 *Perameles nasuta*, New South Wales.
 1 *Sciurus rafflesii*, Borneo.
 1 *Bassarid astuta*, Texas.
 1 *Guerza rueppeli*, West Africa.
 3 *Macropus giganteus*, Australia.
 73 Tropical Butterflies.
 1 Pileated Woodpecker, Gogebic, Mich.
 10 *Tyrannus melancholicus satrapa*, Escondido River, Nicaragua.
 2 *Pitangus derbianus*, " " "
 1 *Megarhynchus pitangus*, " " "
 3 *Progne chalybea*, " " "
 1 *Tachycineta albilinea*, " " "
 1 *Phlogothraupis sanguineolenta*, " " "
 2 *Campephilus guatemalensis*, " " "
 3 *Piaya cayana mehleri*, " " "
 4 *Pteroglossus torquatus*, " " "
 1 *Crotophaga sulcirostris*, " " "
 4 *Ramphastos brevicarinatus*, " " "
 2 *Jacana spinosa*, " " "
 3 *Thamnophilus melanocrissus*, " " "
 3 *Melanerpes purcheri*, " " "
 1 *Ceryle amazona*, " " "
 2 *Saltator magnoides*, " " "
 8 *Myiozetetes texensis*, " " "
 5 " *granadensis*, " " "
 5 *Myiarchus lawrencei nigricapillus*, " " "
 4 *Ramphocelus passerinii*, " " "
 2 *Manacus candaei*, " " "
 2 *Cercomacra tyrannica*, " " "
 2 *Chlorophanes spiza*, " " "
 5 *Arbelorhina lucida*, " " "
 1 *Coereba lucida*, " " "
 6 *Oryzoborus funereus*, " " "
 7 *Sporophila corvina*, " " "
 1 *Thamnophilus dohrnatus*, " " "

| | | |
|-----|--|-----------------------------|
| 2 | <i>Tanagra caua</i> , | Escondido River, Nicaragua. |
| 1 | <i>Elainea pagana subpagana</i> , | " " " |
| 1 | <i>Synallaxis pudica</i> , | " " " |
| 1 | <i>Calliste larvata</i> , | " " " |
| 2 | <i>Chlorophanes spiza</i> , | " " " |
| 2 | <i>Pipra mentalis</i> , | " " " |
| 1 | <i>Coereba mexicana</i> , | " " " |
| 2 | <i>Euethia lepida</i> , | " " " |
| 1 | <i>Euphonia hirundinacea</i> , | " " " |
| 1 | <i>Hylophilus decurtatus</i> , | " " " |
| 2 | <i>Formicivora boucardi</i> , | " " " |
| 3 | <i>Todirostrum cinereum</i> , | " " " |
| 1 | <i>Thaethornis longirostris</i> , | " " " |
| 1 | <i>Melisuga minima</i> , | " " " |
| 1 | <i>Aithurus polytimus</i> , | " " " |
| 6 | <i>Amazilia fuscicaudata</i> , | " " " |
| 2 | <i>Ardea coerulea</i> , | " " " |
| 1 | <i>Trogon atricollis tenellus</i> , | " " " |
| 3 | <i>Phoenicothera salvini</i> , | " " " |
| 1 | <i>Peristera cinerea</i> , | " " " |
| 2 | <i>Embernagra striaticeps</i> , | " " " |
| 7 | <i>Glyphorhynchus cuneatus</i> , | " " " |
| 1 | <i>Ceophloeus pileatus</i> , Gegebic, Mich. | |
| 1 | White-necked Raven, Tombstone, Arizona. | |
| 1 | Coppery-tailed Trogon, Ft. Huachuca, Arizona. | |
| 1 | Broad-tailed Hummingbird, Huachuca Mts., Arizona. | |
| 1 | Wilson's Warbler, Hamilton, Canada. | |
| 2 | Juncos, Boulder, Colorado. | |
| 1 | Arizona Junco, Ft. Huachuca, Arizona. | |
| 2 | Townsend's Juncos, San Pedro Martir, Lower Cal. | |
| 2 | Thurber's Juncos, San Diego Co., Cal. | |
| 2 | White-naped Nuthatches, San Pedro Martir, Lower Cal. | |
| 132 | Tropical Birdskins, U. S. of Colombia. | |
| 207 | " " British Guiana. | |
| 2 | Arizona Cardinals, Cameron Co., Texas. | |
| 2 | Saint Lucas Cardinals, Lower Cal. | |
| 2 | Broad-billed Hummingbirds, Nacosari, Sonora. | |
| 1 | Florida Wren, Tarpon Springs, Fla. | |
| 1 | Hermit Warbler, San Jose del Cabo, Lower Cal. | |
| 1 | Centurus uropygialis, Triunfo, Lower Cal. | |
| 1 | Heleodytes brunneicapillus, Mexico. | |

- 2 St. Lucas Thrashers, La Paz, Lower Cal.
- 1 St. Lucas Robin, Sierra de la Laguna, Lower Cal.
- 2 Aphelocoma hypotenea, National City, Cal.
- 2 Carpodectes nitidus, Escondido River, Nicaragua.
- 1 Lamprocolius splendida, Central Africa.
- 1 Rhamphocoelus nigrogularis, Brazil.
- 1 Merops rubricollis, Phillipines.
- 1 Megalaema versicolor, Malacca.
- 1 Phyllornis hardwickii, Hindostan.
- 1 Cinclostoma punctata, Tasmania.
- 1 Chalcites plagosus, Victoria.
- 1 Coracias indica, Malabar.
- 1 Pitta cyanoptera, Borneo.
- 1 Cymbirhynchus macrorhynchus, Malacca.
- 1 Procnias tersa, Brazil.
- 1 Epimachus maximus, New Guinea.
- 1 Seleucides nigricans, "
- 1 Penelope jacutinga, Brazil.
- 1 Coereba cyanea, "
- 1 Cinnirys afer, Cape Colony.
- 1 Rhamphocoelus brasilia, Brazil.
- 1 " icteronotus, Ecuador.
- 1 Cissopis major, Rio Janeiro.
- 1 Ptilornis victoriae, Queensland.
- 1 Semioptera wallacii, Batchian.
- 1 Diphyllodes speciosa, New Guinea.
- 1 Ptilornis magnifica, "
- 1 Querula cruentata, Venezuela.
- 1 Rhamphastos ariel, South America.
- 1 Thaumalea amherstiae, Thibet.
- 1 Rhamphastos toucardi, Costa Rica.
- 1 Turacus gigas, Sierra Leone.
- 2 Phasianus torquatus, China.
- 1 Temenuchus pagodarum, India.
- 1 Geopelia cuneata, Australia.
- 1 Aethopyga temminckii, Borneo.
- 1 Pericrocotus montanus, India.
- 1 Ptilornis paradisea, New South Wales.
- 1 Drepanornis albertisi, New Guinea.
- 1 Turacus albocristatus, S. Africa.
- 1 Acryllium vulturina, Africa.

- 1 *Cerionis satyra*, Himalaya Mountains.
- 1 *Cotinga amabilis alba*, Demerara.
- 1 *Garrulax ocellatus*, Nepal.
- 1 *Mimeta viridis*, Sydney.
- 1 *Treron olax*, Mt. Kalulong, Sarawak.
- 1 *Paradigalla carunculata*, New Guinea.
- 1 *Pitta maxima*, Batchian.
- 2 *Lobiophasis bulweri*, Baram River, Borneo.
- 1 *Polyplectron bicalcaratum*, India.
- 1 *Cerionis melanocephala*, Himalaya Mountains.
- 1 *Calyptorhynchus banksii*, Queensland.
- 1 *Scythrops novae hollandiae*, Australia.
- 1 *Apteryx mantelli*, New Zealand.

BOTANY.

DONATIONS.

- J. J. Quelch, Georgetown, B. G.
- 1 Caoutchouc from Ballata Tree, British Guiana.
- 4 Palm Logs, “

MINERALOGY.

DONATIONS.

- E. N. Bacon, Milwaukee, Wis.
- 10 Minerals, Michigan.
- Jos. Crunican, Butte City, Montana.
- 3 Minerals, Butte City, Mont.
- S. Kander, Milwaukee, Wis.
- 1 Calcite, Williams Canon, Colorado.
- J. J. Kinrade, Milwaukee, Wis.
- 1 Schist, Marion Co., Cal.
- 3 Calcites, Kern Co., Cal.
- 1 Jasper, San Mateo Co., Cal.
- 1 Pectolite, New Zealand.
- 1 Actinolite, Humboldt, Cal.
- Hy. Klunder, Milwaukee, Wis.
- 1 Mineral, Miles City, Montana.
- Adolph Meinecke, Milwaukee, Wis.
- 1 Pyrite, Milwaukee Co., Wis.

Hy. Nehrling, Milwaukee, Wis.

1 Raw Asphalt, Pitch Lake, at La Brea, Trinidad.

1 Glance Asphalt, Montserrat, Trinidad.

1 Copal, Johore.

L. N. Skinner, Milwaukee, Wis.

1 Asbestos, Elsinor, Cal.

ACQUIRED BY PURCHASE.

1 Fluorite, Cumberland, England.

6 Calcites, " "

1 Tin Ore, Black Hills, D. T.

1 Zinc Blende, Cumberland, England.

2 Barites, " "

1 Zinc and Fluorite, " "

PALAEONTOLOGY.

DONATIONS.

E. N. Bacon, Milwaukee, Wis.

1 *Orthoceras annulatum*, Wisconsin.

August Fiebelkorn, Cascade, Wis.

1 *Halysites*, Cascade, Wis.

S. Kander, Milwaukee, Wis.

1 Coral, Milwaukee, Wis.

1 *Coquina*, Anastasia Isl., Fla.

C. M. Odell, Milwaukee, Wis.

1 Medley of Fossils, Milwaukee, Wis.

Frank Sholes, Milwaukee, Wis.

3 Fossil Shells.

August Stirn, Milwaukee, Wis.

1 Conglomerate of Shells, Pine Lake, Wis.

Frank W. Suelflow, Milwaukee, Wis.

1 Petrified Wood, Freistadt, Wis.

ETHNOLOGY.

DONATIONS.

Alexander Goethel, Milwaukee, Wis.

1 Snuff-box, made of Brass, with engravings, about 100 years old.

Edward E. Harris, Milwaukee, Wis.

Old Newspaper, called "Hampshire Herold," No. 165 of 1785.

Carl Miller, Milwaukee, Wis.

- 1 Mohammedan Gown, embellished with Woolen Embroidery,
West Africa.
- 2 Household Baskets, twisted of Banana Fibres, Upper Niger
River, West Africa.
- 1 Household Basket, twisted of Reed, Gold Coast, West Africa.
- 4 Table Cloths, West Africa.
- 5 Calabashes and Covers, embellished with Allegoric Figures,
Gold Coast, West Africa.
- 2 Ornamented Calabashes, Gold Coast, West Africa.
- 3 Covers of Ornamented Calabashes, " "
- 2 Calabashes with Allegoric Figures, " "
- 3 Household Baskets, made of Reed and Banana Fibres, Gold
Coast, West Africa.
- 1 Basket, made of Banana Fibres, Gold Coast, West Africa.
- 3 Trays, twisted of Banana Fibres, " "
- 4 Trays, twisted of Reed, " "
- 1 Tray-like Fan, twisted of Reed and trimmed with Leather,
Gold Coast, West Africa.
- 1 Table Cloth, Gold Coast, West Africa.
- 3 Caps, twisted of Reed, " "
- 3 Caps, twisted of Banana Fibres, " "
- 1 Mohammedan Hat, twisted of Reed and ornamented with
Leather, Gold Coast, West Africa.
- 1 Basket, twisted of Reed, Gold Coast, West Africa.
- 1 Fan, twisted of Palm Leaves, Akem, West Africa.
- 1 Hunting Bag, twisted of Reed, Salaga, West Africa.
- 1 Shield, made of Elephant Skin, Gold Coast, West Africa.
- 2 Battle Axes of Achantee Warriors, " "
- 1 Chief's Sword with Metal Handle, ornamented Scabbard and
Pendants, Salaga, West Africa.
- 2 Swords with Leather Scabbards and Pendants, West Africa.
- 3 Quivers and Arrows, "
- 1 Violin and Bow, constructed of a Calabash and covered with
Suake skin, West Africa.
- 1 Achantee Chief's Spear, "
- 1 Achantee Chief's Spear, with wooden Shaft, "
- 1 Achantee Chief's Spear, with iron Shaft, "
- 1 Warrior's Spear, with wooden Shaft, "
- 1 Chief's Bow, with Bast String, "
- 2 Warriors' Bows, with Leather String, "

- | | |
|---|----------------------|
| 1 Chief's Weapon with Leather Handle, made of Antelope Horn, West Africa. | |
| 2 Knives, with Scabbard, | Salaga, West Africa. |
| 1 Dagger, with Leather Scabbard, | " " |
| 1 Dagger, with Scabbard, | " " |
| 1 Money-bag, of Leather, | " " |
| 2 Soup Ladles of Wood, with a carved gun-like handle, Gold Coast, West Africa. | |
| 1 Drum, | West Africa. |
| 1 King's Seat, | " |
| 3 Achantee Pipes, made of black Clay, | " |
| 1 Pair of Boots, made of Kid Leather, ornamented with straw-work, | West Africa. |
| 1 Pair of Warrior' Sandals, | " |
| 1 Pair of Shoes, of Kid Leather, | " |
| 2 Pairs of ornamented Shoes, with single Soles, | " |
| 1 Pair of Chief's Shoes, | " |
| 5 Achantee Pipes of red Clay, | " |
| 2 Combs, made of Wood, | " |
| 1 Knitting Machine, | " |
| 4 Wooden Bracelets with Copper and Zinc Decorations, Salaga, West Africa. | |
| 2 Ivory Bracelets, Salaga, West Africa. | |
| 4 Copper Bracelets, " " | |
| 1 Barbed Spear, made of Brass, West Africa. | |
| 1 Dress of Negro, woven of Reed and colored with Indigo, West Africa. | |
| 1 Allegoric Figure, made of Brass, representing a warrior sitting in a chair, holding his gun, West Africa. | |
| 1 Allegoric Figure, made of Brass, representing a musician, playing upon his instrument, | West Africa. |
| 1 Bird Cage, made of Brass, | " |
| 1 Achantee's Seat, made of Brass, | " |
| 1 King's Seat, made of Brass, | " |
| 1 Allegoric Figure, made of Brass, representing two Achantees, greeting each other, | West Africa. |
| 1 Duck, made of Brass, | " |
| 1 Bird-trap, made of Brass, | " |
| 1 Cannon, made of Brass, | " |
| 1 Bird, made of Brass, | " |
| 1 Quadruped, made of Brass, | " |

- | | |
|--|--------------|
| 1 Turtle and Young, made of Brass, | West Africa. |
| 1 Allegoric Figure, made of Brass, representing a woman, nursing her child, | West Africa. |
| 1 Weapon, made of Brass | " |
| 1 Shield, made of Brass, | " |
| 1 Allegoric Figure, made of Brass, | " |
| 5 Gold-weights, made of Brass, | " |
| 1 Shield, made of Brass, used for weighing Gold, | " |
| 2 Scoops, made of Brass, used for weighing Gold, | " |
| 1 Casket, made of Brass, used for weighing Gold, | " |
| 1 Hand, made of Brass, and holding a pistol, | " |
| 1 Bird, make of Brass, taking Food, | " |
| 1 Scale, made of Brass, used for weighing Gold, | " |
- Adolph Muenzenberger, Sabinal, Mexico.
- | | |
|---|--|
| 1 Wooden Bowl, Pacific Coast. | |
| 1 piece of Guadalajara Pottery, Mexico. | |
| 1 piece of Pottery of Ancient Design, near Village of San Juan de Testihuacan. | |
| 1 Necklace, Casas Grandes, Chihuahua, Mexico. | |
- Peter Weber, Milwaukee, Wis.
- | | |
|---|--|
| 1 Certificate of Membership of the Milwaukee Fire Depart- ment, issued to Mr. Weber in 1854. | |
|---|--|
- Rounsevelle Wildman.
- | | |
|---|----------------------------|
| 4 Brass Cake Moulds, | Johore, Malayan Peninsula. |
| 4 Pitties' or Tin Coins, | " " " |
| 8 Cake Forms, made of Brass, | " " " |
| 3 Wooden Stirring Ladles, | " " " |
| 1 Rattan Broom, | " " " |
| 1 Cocoanut Broom, | " " " |
| 2 Brass Cooking Bowls, | " " " |
| 1 Three-legged Iron Stool for Fire, | " " " |
| 1 Vessel for Cooking, | " " " |
| 1 Copper Cooking Pot, | " " " |
| 1 Dry Measure for the Household, | " " " |
| 2 Earthen Cooking Pots with Rattan Basket Receiver, Johore, Malayan Peninsula. | |
| 1 Earthen Urn, | Johore, Malayan Peninsula. |
| 1 Basket with Top for straining Cocoanut, for making Curry, Johore, Malayan Peninsula. | |
| 1 Betel Nut Case, | Johore, Malayan Peninsula. |
| 1 Sieve, | " " " |

| | |
|----------------------------------|----------------------------|
| 1 Drying Basket, | Johore, Malayan Peninsula. |
| 1 Kneading Board, | " " " |
| 1 Green Clay Food Cover, | " " " |
| 1 Copper Pan, | " " " |
| 1 Brass Candlestick, | " " " |
| 1 Chopping Knife, | " " " |
| 1 Cocoanut Grater, | " " " |
| 1 Cocoanut shell Dipper, | " " " |
| 1 Cooking Utensil, | " " " |
| 1 Cover of Cooking Vessel, | " " " |
| 1 Bali or Malayan Court House, | " " " |
| 1 Campong or Village Mosque from | Malayan Fishing Town, |
| Johore, Malayan Peninsula. | |

ACQUIRED BY PURCHASE.

- 1 Medicine Man's Necklace from Big Road. (Chamka Tanka.
Ogalalla Chief.
- 1 Pappoose Hood.
- 1 Knife Scabbard and Tail Ornament.
- 1 Necklace, made of Bone and Beads.
- 1 Medicine Man's Necklace.
- 1 Necklace.
- 1 Hair Ornament.
- 1 Moose-hair Ornament.
- 1 Feather Turban.
- 1 Hair Ornament.
- 1 Hair-brush.
- 2 Squaw Clubs.
- 1 War Club.
- 1 Tomahawk Pipe, probable of French origin.
- 2 Pipes.
- 1 War Club.
- 1 Medicine Man's Bone Mallet.
- 1 Fish-line.
- 1 Pair of Moccasins.
- 1 War Bonnet.
- 1 Ceremonial Spoon.
- 3 Spoons.
- 1 War Shirt with genuine Scalps.
- 1 Quirt, with horn Handle.

- 1 Bone Spoon and Mallet.
- 1 Dance Rattle, worn on right knee.
- 1 Halibut Hook for deep sea fishing.
- 1 Porcupine Quill Work.

ARCHÆOLOGY.

DONATIONS.

- August Fiebelkorn, Cascade, Wis.
- 3 Stone Arrowheads, Cascade, Wis.
- Bernhard G. Heyn, Milwaukee, Wis.
- 1 Stone Celt with Deer Horn Handle, Pile Dwellings, Switzerland
- H. C. Mausfield, Jefferson, Wis.
- 21 Flint Arrowheads, Jefferson, Wis.
- Horace McElroy, Janesville, Wis.
- 4 Fragments of Flint Implements, Janesville, Wis.
- Frank Sholes, Milwaukee, Wis.
- 1 Flint Scraper, Wisconsin.
- 8 Flint Arrowheads, "
- Geo. B. Turner, Milwaukee, Wis.
- 4 Wrought Flint Stones, Indian Mound near Mandan, Dak.

ACQUIRED BY PURCHASE.

| | |
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| 5000 Stone Arrowheads and Spearheads, | Wisconsin. |
| 39 Leaf-shaped Stone Implements, | " |
| 101 Stone Celts, | " |
| 4 Broken Flint Implements, | " |
| 1 Stone Sinker, | " |
| 186 Stone Axes, | " |
| 35 Spherical Stone Implements, | " |
| 4 Oval Stone Implements, | " |
| 1 Cast of Pipe, | " |
| 3 Biconcave disc-shaped Implements, | " |
| 1 Pebble Stone Implement, | " |
| 5 Indian War Club Stones, | " |
| 2 Chisel-shaped Copper Implements, | " |
| 9 Copper Spearheads with clasping Base, | " |
| 3 Copper Spearheads with straight Base, | " |
| 1 Copper Knife, | " |
| 1 Copper Spike, | " |

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| 5 Indian Pipes, | Wisconsin. |
| 3 Flat, drilled, polished Stone Implements, | " |
| 2 Polished Stone Implements, | " |
| 1 Stone Pipe, | " |
| 1 Chisel-shaped Stone Implement, | " |
| 1 Stone Implement, | " |

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(330, A.)

(Published April 13, 1882.)

CHAPTER 329.

AN ACT relating to the Natural History Society of the City of Milwaukee.

The People of the State of Wisconsin, represented in Senate and Assembly, do enact as follows :

SECTION 1. The board of directors of the Natural History Society of the City of Milwaukee is hereby authorized and empowered, in the name of said association or society, to assign, transfer and convey to the City of Milwaukee, all and singular, the natural historical collections of every kind constituting the Museum belonging to said Natural History Society, in trust, to be kept, supported and maintained by said city, as a free Museum for the benefit and use of all citizens of said city, provided, the said city shall accept the trust and assume the care and maintenance of such Museum.

SEC. 2. This act shall take effect and be in force from and after its passage and publication.

Approved March 31, 1882.

(No. 329, A.)

(Published April 14, 1882.)

CHAPTER 328.

AN ACT to authorize the City of Milwaukee to establish and maintain a Public Museum in said city.

The people of the State of Wisconsin, represented in Senate and Assembly, do enact as follows :

SECTION 1. The City of Milwaukee is hereby authorized to receive and accept from "The Natural History Society of Wisconsin"—a corporation located in the said City of Milwaukee—a donation of its collection of objects in Natural History and Ethnology, or of the greater part thereof, upon such conditions as may be agreed upon by and between said city and said society, subject, however, to the provisions of this act.

SEC. 2. In case of such donation and acceptance, said City of Milwaukee is hereby authorized and empowered to establish and maintain in said city a free Public Museum, exhibitions of objects in Natural History and Ethnology, and for that purpose to receive, hold and manage the collection so donated, and any devise, bequest or donation that may be made to said city for the increase and maintenance of such Museum under such regulations and conditions as are herein contained, or may be agreed upon by and between the donors and said city, or as may be hereafter provided in this act.

SEC. 3. The Museum established and maintained under this act shall be under the general management, control and supervision of a board of nine trustees, who shall be styled "The Board of Trustees of the Public Museum of the City of Milwaukee." Said Board of Trustees shall consist of the president of the School Board and the Superintendent of Schools of said city, ex-officio, of three members of the Common Council of said city, designated and appointed by the Mayor thereof, and of four residents and tax-payers of said

city, to be appointed by the Mayor as herein provided. The first appointments of trustees by the Mayor under this act shall be made within ten days after the formal acceptance by the Common Council of said city, of a donation by said Natural History Society, as authorized in the first section of this act. Of the first three trustees appointed from the members of the Common Council of said city, one shall be appointed from the three-year class, one from the two-year class, and one from the one-year class of aldermen, and they shall serve as such trustees during their respective terms as such aldermen. And annually on the third Tuesday of April thereafter, at the expiration of the term of any such trustee, the Mayor shall appoint his successor for three years, from the aldermen then having three years to serve. In case any such trustee shall vacate the office of alderman before the expiration of his term, he shall at the same time cease to be a trustee under this act, and the Mayor shall appoint some other member of the Common Council of his class in his place for the balance of his term. In the appointment of the four remaining trustees and their successors, the Mayor shall prefer such persons as may be recommended for such appointment by said Natural History Society. Such four trustees first appointed shall, at the first meeting of the Board after their appointment, determine by lot their term of service, so that one of their number shall serve for one year, one for two years, one for three years, and one for four years from the third Tuesday of May next after the organization of such Board. And all vacancies shall be filled by like appointment of the Mayor for the remainder of the term, and annually on the third Tuesday of April a trustee shall be appointed by said Mayor in like manner for the term of four years, in place of the trustee whose term shall expire the following May. None of said trustees shall receive any compensation from the city treasury, or otherwise, for their services as such trustees. And no member of said Board of Trustees shall become, or cause himself to

become interested, directly or indirectly, in any contract or job for the purchase of any matter pertaining to the Museum, or of fuel, furniture, stationery or things necessary for the increase and maintenance of the Museum. Said trustees shall take the official oath, and be subject to the restrictions, disabilities, liabilities, punishments and limitations prescribed by law as to aldermen in the said City of Milwaukee.

SEC. 4. The first meeting of said Board of Trustees for the purpose of organizing, shall be held on the third Tuesday of the month next following their appointment, and the City Clerk shall give at least one week's previous notice of the time and place of such meeting to each member of such Board in writing. At such first meeting said Board shall organize by the choice of one of their number as president to serve until the third Tuesday of May next following, and until his successor shall be chosen. The annual meeting of said Board shall be held on the third Tuesday of May in each year, and at such meeting a president shall be chosen from their number to serve for one year and until his successor shall be chosen.

SEC. 5. The Board of Trustees shall have general care, control and supervision of the Public Museum, its appurtenances, fixtures and furniture, and of the selection, arrangement and disposition of the specimens and objects appertaining to said Museum, and also of the disbursements of all the moneys appropriated for and belonging to the Museum fund, in the manner hereinafter provided. And the said Board shall adopt, and at their discretion modify, amend or repeal by-laws, rules and regulations for the management, care and use of the Public Museum, and fix and enforce penalties for their violation, and generally shall adopt such measures as shall promote the public utility of the Museum; provided, that such by-laws, rules and regulations shall not conflict with the provisions of this act.

SEC. 6. The Board of Trustees shall, at their first meeting, or thereafter, as soon as practicable and every five years there-

after, at an annual meeting, elect by ballot a person of suitable scientific attainments, ability and experience for custodian, who shall so act and be ex-officio secretary of said Board of Trustees. The custodian first appointed shall hold his office for five years from the time of the first annual meeting, unless previously removed, and thereafter the term of appointment shall be for the term of five years, and the compensation of the custodian shall be fixed by said Board of Trustees. Said Board of Trustees shall also appoint such assistants and employes for said Museum as they may deem necessary and expedient, and shall fix their compensation. All vacancies in the office of custodian, assistants and other employes, shall be filled by said Board of Trustees, and the person so elected or appointed shall hold for the unexpired term.

SEC. 7. The custodian elected under this act may be removed from office for misdemeanor, incompetency or inattention to the duties of his office, by a vote of two-thirds of the Board of Trustees; the assistants and other employes may be removed by the Board for incompetency, or for any other cause.

SEC. 8. It shall be the duty of the Board of Trustees, within ten days after the appointment of the custodian and other salaried employes, to report and file with the City Comptroller a duly certified list of the persons so appointed, with the salary allowed to each, and the time or times fixed for the payment thereof, and they shall also furnish such comptroller with a list of all accounts and bills which may be allowed by said Board of Trustees, stating the character of the materials or service for which the same were rendered, immediately after the meeting of said Board at which such allowance shall be made. And said Board of Trustees shall also, on or before the first day of October in each year, make to the Common Council a report, made up to and including the 31st day of August of the said year, containing a statement of the condition of the Museum and of the additions thereto during the

year, together with such information and suggestions as they may deem important, and such report shall also contain an account of the moneys credited to the Museum fund, and expended on account of the same during the year.

SEC. 9. From and after the organization of the Board of Trustees under this act, the Common Council of said city shall levy and collect annually upon all the taxable property of the said city, at the same time and in the same manner as other city taxes are levied and collected by law, a special tax not exceeding one-tenth of a mill upon each dollar of the assessed value of said taxable property, the amount of which shall be determined by said Board of Trustees, and certified to the Common Council at the time of making their annual report to said Council, and the entire amount of said special tax shall be paid into, and held in, the city treasury, as a separate and distinct fund, to be known as the Museum fund, and shall not be used or appropriated, directly or indirectly, in any other purpose than for the maintenance and for the increase of the Public Museum, the payment of the salaries of the custodian, assistant and other employes of the Museum, the purchase of furniture, fixtures, supplies and fuel, and the incidental expenses of the Museum.

SEC. 10. The Board of Trustees shall erect, purchase, hire or lease buildings, lots, rooms and furniture, for the use and accommodation of said Public Museum, and shall improve, enlarge and repair such buildings, rooms and furniture; but no lot or building shall be purchased, erected or enlarged for the purpose herein mentioned, without an ordinance or resolution of the Common Council of said city, and deeds of conveyance and leases shall run to the city of Milwaukee.

SEC. 11. All moneys received by or raised in the city of Milwaukee for Museum purposes shall be paid over to the city treasurer, to be disbursed by him on the orders of the president and secretary of the said Board of Trustees, countersigned by the City Comptroller. Such orders shall be made payable to

the order of the persons in whose favor they shall have been issued, and shall be the only voucher of the city treasurer for the payments from the Museum fund. The said Board of Trustees shall provide for the purchase of specimens, supplies, fuel and other matters necessary or useful for the maintenance of the Museum ; provided, however, that it shall not be lawful for said Board of Trustees to expend or contract a liability for any sum in excess of the amount levied in any one year for the Museum fund, on account of such fund.

SEC. 12. All moneys, books, specimens and other property received by the City of Milwaukee by device, bequest or gift, from any person or corporation, for Public Museum purposes, shall, unless otherwise directed by the donors, be under the management and control of said Board of Trustees ; and all moneys derived from fines and penalties for violations of the rules of the Museum, or from any other source in the course of the administration of the Museum, including all moneys which may be paid to the city upon any policy or policies of insurance, or other obligation or liability, or on account of loss or damage to any property pertaining to the Museum, shall belong to the Museum fund in the city treasury, to be disbursed on the orders of the said Board of Trustees, countersigned by the City Comptroller, for Museum purposes in addition to the amount levied and raised by taxation for such fund.

SEC. 13. This act shall take effect and be in force from and after its passage and publication.

Approved March 31, 1882.

(No. 895, A.)

(Published April 15, 1887.)

CHAPTER 521.

AN ACT to amend Chapter 328 of the Laws of 1882, authorizing the City of Milwaukee to establish and maintain a Public Museum, and Chapter 7, of the Laws of 1878, to establish a Public Library in the City of Milwaukee.

The people of the State of Wisconsin, represented in Senate and Assembly, do enact as follows :

* * * * *

SECTION 2. Hereafter all appointments of members from the Common Council for the Board of Trustees of the Public Museum of the City of Milwaukee, made by the Mayor of said city on the third Tuesday in April, shall be made from aldermen having two years to serve, and in case any person so appointed shall vacate his office of alderman before the expiration of his term, he shall thereupon cease to be a member of said Board of Trustees, and the Mayor shall appoint some other alderman of his class in his place to be such trustee for the remainder of his term. Each alderman appointed shall serve as such trustee during his term as alderman. It shall be the duty of the Mayor on the third Tuesday in April in each year to appoint a sufficient number of aldermen having two years to serve to be members of such Board of Trustees of the Public Museum to keep the number of members of such Board from the Common Council, always three.

All provisions of Chapter 328, of the Laws of 1882, which in any way conflict with the provisions of this section, are hereby amended accordingly.

SEC. 3. This act shall take effect and be in force from and after its passage and publication.

Approved April 14, 1887.

(No. 614, A.)

(Published April 20, 1887.)

CHAPTER 433.

AN ACT to amend Chapter 328, of the Laws of 1882, entitled, "An act to authorize the City of Milwaukee to establish and maintain a Public Museum in said city."

The people of the State of Wisconsin, represented in Senate and Assembly, do enact as follows:

SECTION 1. The Board of Trustees of the Milwaukee Public Museum are hereby authorized to appoint an acting custodian whenever the proper service of the Museum shall require it, and for such time and on such terms as they may deem proper. Such acting custodian shall be ex-officio the acting secretary of said Board of Trustees, and his acts as such shall receive full credit. Said Board of Trustees are also authorized to appoint from time to time honorary curators, who shall perform such duties and have such special privileges as may be provided in the by-laws of the Museum, but shall receive no pecuniary compensation. Such appointments shall be made of persons who have manifested a special interest in the Museum or some particular department thereof.

SEC. 2. This act shall be in force from and after its passage and publication.

Approved April 12, 1887.

RULES GOVERNING THE MUSEUM.

I. MEETINGS.

ART. 1. The regular meetings of the Board shall be held at the Museum rooms on the third Tuesday of each month at 4:30 P. M.

ART. 2. The annual meeting of the Board shall be held on the third Tuesday of May, at 4 P. M.

ART. 3. Special meetings shall be called by the secretary upon the written request of the president, or any three members of the Board, but the object for which the special meeting is called must be stated in the notice, and no business other than the special business shall be transacted at such meeting, unless all the members of the Board are present, and unanimous consent is obtained.

ART. 4. Five members of the Board shall constitute a quorum.

II. OFFICERS AND EMPLOYES.

ART. 5. At the annual meeting in May, the Board shall elect by ballot a president, whose duty it shall be to preside at all meetings of the Board, to sign all warrants drawn on the city treasurer by order of the Board, to appoint the standing committees for the year, and prepare for the consideration and approval of the Board, the annual report of the Board of Trustees, required by Section 8 of the "Public Museum Act."

ART. 6. The duties of the custodian shall be as follows:

To take charge of and exercise control over the museum and library, and to see that the regulations relating thereto are properly carried out.

To exercise control over all employes of the Board and the work allotted to them respectively.

To receive all specimens intended for the Museum, and with the advice and assistance of specialists to classify, label, catalogue and arrange them as soon as possible.

To receive all books and other articles intended for the library, and to label and catalogue them.

To take all precautions necessary for the good preservation of the collections, according to the most approved methods within the means of the institution.

To keep running records, containing all necessary particulars, concerning articles received or disposed of.

To purchase specimens, books and other matter under the general direction of the Board.

To inaugurate a system of exchanges with other natural history museums as soon as possible.

To correspond with scientific societies and public authorities for the purpose of obtaining reports and other documents containing information relating to natural history.

To submit from time to time to the Board or to the respective committees, measures for the efficient management and increase of the Museum, and such other matters as he may deem advisable.

To prepare and submit to the Board a monthly report in writing of the work done, stating the number of visitors, and other matters of interest to the Board.

To prepare and submit at the annual meeting in September an annual report of like contents for the preceding year ending Aug. 31st, said report to accompany the annual report of the Board, required by Section 8 of the "Public Museum Act."

To discharge such other duties as usually belong to the office of the custodian and from time to time be prescribed by the Board.

But in the performance of his duties, no debt or liability of any kind shall be incurred by him without authority from the Board.

The custodian shall be required to give bonds in the sum of one thousand dollars, with two or more sureties, to be approved by the Board, for the faithful performance of his duties.

ART. 7. It shall be the duty of the custodian as secretary of the Board of Trustees to be present at all meetings of the Board and of the committee and to keep full and correct records of their proceedings, except when otherwise directed.

To keep exact and detailed accounts of all moneys received from fines and other sources, to report the same monthly to the Board at the regular meetings, and to pay over all moneys so received promptly to the city treasurer as directed by the Board.

To keep books of account in which all the money transactions of the Board shall be set forth accurately in detail, and to make out and sign all warrants drawn on the city treasurer by order of the Board.

To take care of all business papers of the Board and keep the same neatly filed for convenient reference.

To prepare and submit a monthly statement of the finances of the Museum at the regular monthly meetings.

To give notice of all meetings of the Board, and of committees, at least twenty-four hours before the time of meeting.

To receive all documents, letters and other communications addressed to the Board or Museum, and to see to their proper disposal by the proper officer or committee.

To transact all such other business as may be required of him by the Board and its committees in his capacity as secretary thereof.

ART. 8. The janitor shall, under the direction of the custodian, attend to the heating, ventilation and cleaning of the Museum in all its parts, and perform such other work as may be assigned to him at any time by the custodian. The other assistants shall also work under the direction of the custodian and perform such work as the custodian may assign to them.

ART. 9. Engagements of employes or assistants shall be made by the executive committee, subject to approval by the Board.

III. COMMITTEES.

ART. 10. The standing committees shall be:

1. The Executive Committee, consisting of the president ex-officio, and four other members of the Board.

2. The Finance Committee, consisting of three members of the Board.

3. The Committee on Exchanges, consisting of three members of the Board, to whom, with the custodian, all applications for exchanges shall be referred for recommendation to the Board.

4. The Committee on Furniture, consisting of three members of the Board.

5. The Committee on Purchase, consisting of three members of the Board, to whom, with the custodian, all matters of purchasing specimens shall be referred for recommendation to the Board. The Committee on Purchase shall have authority to expend from month to month in the interest of the Museum a sum not exceeding \$50.

ART. 11. The Natural History Society of Wisconsin shall be invited to appoint five scientific persons from among their members to act in an advisory capacity as a joint counsel, in conferences with the Executive Committee; such conferences to take place at such times as the Executive Committee may desire.

ART. 12. The Executive Committee shall have supervision of all matters relating to the purchasing, construction, leasing, repairing and heating of the buildings or rooms occupied by the Museum, and of insurance, the furnishing, order and cleanliness of the rooms and collections; the selection, purchase, preparation, arrangement, exchange, sale or other disposal of specimens, books or other articles; the acceptance or rejection of donations; the preparation, printing, sale or other disposal of catalogues and guides; provided that in all such matters no action be taken involving an expenditure or liability greater than authorized by the Board. This committee shall assign a suitable room to the Natural History Society of Wisconsin for holding their meetings and receiving their library. It shall be the duty of the committee to see that all persons employed in the service of the Museum are faithful and prompt in the performance of their duties, and that the regulations of the Museum are enforced.

ART. 13. The Finance Committee shall have the supervision of all matters pertaining to the accounts and account books of the Board. It shall be their duty to prepare the annual budget of the Board, to direct the manner of keeping and to examine all the account books; to examine the monthly and other financial statements of the secretary and custodian and certify the correctness of the same to the Board; to examine and audit all vouchers and accounts against the Museum; to report to the Board upon the correctness of the same, and to make such suggestions from time to time concerning the finances of the Museum as they may deem advisable. Said committee shall also at the regular meeting in September each year, submit an estimate of the amount that will be needed for maintaining the Museum during the following year, and the action of the Board upon such estimates shall be forthwith certified by the secretary to the comptroller of the city of Milwaukee.

ART. 14. A majority of any committee shall constitute a quorum.

ART. 15. The standing committees shall prepare and submit to the Board at the annual meeting in May, a report of all matters subject to their supervision.

ART. 16. The reports of all standing committees shall be in writing.

IV. MUSEUM AND LIBRARY.

ART. 17. The Museum shall be conducted, according to the intention of the "Public Museum Act" and the conditions made by the Natural History Society of Wisconsin in donating the "Engelmann Museum" with the following aims in view.

The exhibition of natural history and ethnology, so as to provide material and help for scientific investigation and public instruction.

The collections therein contained are to represent and illustrate as far as possible the natural history and the natural resources of the city and county of Milwaukee and state of Wisconsin in the first order, and then of the United States and remainder of our planet for purposes of comparison and generalization.

The Museum shall be placed in a building reasonably fire-proof, and kept insured for at least five-sixths of its value.

No objects in the collection can be loaned, and the removal of specimens from the room cannot be permitted, except if sold or for the purpose of exchange or identification and under proper authority from the Executive Committee. All matters relating to the arrangement, preservation and use of the collection are under the immediate direction of the custodian, subject to the supervision of the Executive Committee, who will give more detailed instructions if needed.

ART. 18. The library is to be considered a reference and working library. Its contents cannot be loaned, but may be used for study or reference in the rooms during museum hours under necessary restrictions.

V. MISCELLANEOUS.

ART. 19. It shall be the duty of every member of the Board to frequently visit the Museum and of the members of the Executive Committee to do so at least once every week, for the purpose of general superintendence and direction.

ART. 20. The term of service of all the employes of the Museum except the custodian shall be during good behavior. They shall only be removed for cause of which the Board shall be the exclusive judge.

ART. 21. The records of the proceedings of the Board of Trustees and its committees and the books of account shall be kept in the secretary's office and shall be open at all times to inspection and examination by any member of the Board.

ART. 22. The order of business of the Board of Trustees, except at special meetings, shall be as follows:

1. Calling the Roll.
2. Reading Minutes of previous Meeting.
3. Report of Custodian and Secretary.
4. Report of Standing Committees.
5. Report of Special Committees.
6. Reading of Communications.
7. Unfinished Business.
8. Election of Officers.
9. New Business.

ART. 23. All resolutions and amendments before the Board or any committee shall be presented in writing.

ART. 24. All persons employed at the Museum must be promptly at their posts, as directed, and must remain there during the hours of their regular duty. They will remember that their time, while in the Museum, should constantly be occupied in its service, and it is the duty of the custodian and Executive Committee to enforce this rule.

ART. 25. No amendments to the rules of the Board, or the regulations of the Museum shall be acted upon until the next regular meeting after the same shall have been proposed.

REGULATIONS.

The Museum will be open:

On Sundays, from 1:30 to 5 P. M.

Saturdays, from 9 to 12 A. M. and 1 to 5:30 P. M.

On all other days, from 1 to 5:30 P. M.

Visitors are admitted on condition that they observe the following regulations:

SECTION 1. Any person of good deportment can be admitted during the above named hours. Children less than fourteen years of age will be admitted only if accompanied by parents, teachers or other responsible adults. Dogs or other live animals will not be admitted.

SEC. 2. Admission is free. Employes of the Museum are forbidden under penalty of discharge, to receive fees from visitors.

SEC. 3. The removal of books, specimens or any other objects belonging to the Museum from any of its rooms, is strictly prohibited.

SEC. 4. The use of tobacco, and all other conduct not consistent with the quiet and orderly use of the Museum, are prohibited.

SEC. 5. Visitors are not allowed to touch any object.

SEC. 6. Visitors will be held responsible for any mutilation or other injury to specimens, books, furniture, or other property of the Museum caused by them.

SEC. 7. The time for closing will be announced by three bell signals ten minutes previous to the appointed hour.

OFFICE HOURS OF EMPLOYES.

Custodian, from 9 to 12 A. M. and 1 to 4 P. M.

Assistant Custodian, from 8:30 to 11:30 A. M. and 1 to 5 P. M.

Taxidermist, from 8 to 12 A. M. and 1 to 5 P. M.

First Assistant, from 8:30 to 11:30 A. M. and 1 to 5:00 P. M.

Janitor, from 7 to 11:30 A. M. and 1 to 5:30 P. M.

In the regular meeting of the Board of Trustees, held August 18th, 1893, the following resolution, introduced by Trustee Aug. Stirn, was adopted :

WHEREAS, The original address issued by a great number of our most prominent citizens to the Natural History Society of Wisconsin, requesting said society to donate their collection of specimens of Natural History and Ethnology to the city as a nucleus for a Public Museum, is missing and undoubtedly lost; and

WHEREAS, Such important document relating to the creation and establishment of the Public Museum should, if possible, be placed on our official records; and be it, therefore,

Resolved, That said address be printed from a copy still in existence and then be annexed to our next annual report; and be it further

Resolved, That two extra copies of said address be either nicely printed or illuminated and handsomely framed, and one of them assigned a proper place in the main hall of the Museum, and the other one in the office of the Museum Board.

Petition of Citizens to the Natural History Society of the City of Milwaukee to Present its Museum to the City.

GENTLEMEN:—We are deeply interested in the very valuable collection of specimens of nature gathered in your museum, and beg to say that very great thanks are due to the disinterested labor of your members in getting it together. But it seems to us that, while the museum is fully appreciated by all who know it, it has hardly received that public recognition of its worth, nor taken that position as a disseminator of useful knowledge, to which it is fairly entitled. This is due, we think, in part to its present location and partly to the inadequate spaces allotted to it. Knowing that it is and always has been the ardent wish of your members to place the collection where it will do the largest possible good, and that enlarged quarters, a central location and freedom of access are essential for that purpose, we take the liberty to suggest the tender of the museum to the City of Milwaukee, on the condition that it be permanently maintained by the City as a Free Public Museum for the benefit of all citizens. We cannot doubt that the general attention it would receive as a public institution would lead to constant and liberal additions to its treasures, and it would become an object of interest and pride to our community at large. It would prove to our city not only a very rare attraction, but a most valuable aid in the study of natural history for both young and old.

Very respectfully yours,

(Signed:)

Jas. MacAlister.
Edward O'Neil.
West & Co.
Ch. H. Haskins.
Alex. Mitchell.
Wm. E. Cramer.
Dr. E. A. Knotser.
Wm. Rohlfing & Co.
Bosworth & Sons.
H. Sigel.
J. B. Hoeger & Son.
C. Eisfeld & Bro.
F. C. Winkler.
Inbusch Brothers.
John Plankinton.
Guido Pfister.
Emil Von Baumbach.
John R. Goodrich.
Edw. W. Hicks.
T. A. Chapinan.
Ch. G. Stark.
Mathews Bros. & Co.

Wm. McLaren.
Rud. Nunnemacher.
John E Hansen.
Ramien Bros. & Co.
M. Heiman & Co.
W. W. Coleman.
Geo. Koeppen.
Ed. P. Allis.
Espenhain & Bartels.
H. M. Benjamin.
August Uihlein.
Val. Blatz.
John Rugee.
Gustav Wollaeger.
Horace Rublee.
H. Haertle.
Otto A. Thiele.
Ferd. Kuehn.
Henry M. Mendel.
Marshall & Hsley
Singer & Benedict.
John Black.

John H. Tesch.
Wm. Frankfurth.
Isaac Ellsworth.
Thos. H. Brown.
Josuah Stark.
Meyer Friend.
David Adler & Sons.
C. A. Meissner.
Fred. Dohmen.
Ed. Schmidt.
Goll & Frank.
Adolph Meinecke.
Goldsmith & Co.
W. H. Jacobs.
Louis Auer.
Fred. Pabst.
John Pritzlaff.
William E. Smith.
Moritz v. Baumbach.
John Johnston.
Carl Doerflinger.

